



PATENT  
Customer No. 22,852  
NEW Attorney Docket No. 8350.1649-02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
James R. WEBER et al.	)	Group Art Unit: 3747
	)	
Application No.: 10/733,570	)	Examiner: Hyder Ali
	)	
Filed: December 12, 2003	)	
	)	Confirmation No.: 1629
For: AIR AND FUEL SUPPLY SYSTEM	)	
FOR COMBUSTION ENGINE	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents identified on the attached listing. This Information Disclosure Statement is being filed along with a Request for Continued Examination in the above-referenced application.

Copies of the listed foreign and non-patent literature documents are attached. For each listed non-English foreign patent document, an English language abstract is attached.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the U.S. Patent and Trademark Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.


If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: March 29, 2005

By: \_\_\_\_\_

  
Anthony M. Gutowski  
Reg. No. 38,742

MAR 29 2005

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

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Application Number

10/733,570

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First Named Inventor

James R. WEBER

Art Unit

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Examiner Name

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## U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		2001/0002379	05-31-2001	Schechter	
		2001/0023671	09-27-2001	Vorih	
		2002/0157623	10-31-2002	Turner et al.	
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## **U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

	5,564,386	10-15-1996	Korte et al.	
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**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>8</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 98/02653	01/22/98	Bryant		
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## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		Request for <i>Inter Partes</i> Reexamination Transmittal Form for US Patent 6,688,280, and Attachment to Request for <i>Inter Partes</i> Reexamination Transmittal Form, September 17, 2004; Order Granting/Denying Request for <i>Inter Partes</i> Reexamination for Control No. 95/000,050 dated December 10, 2004; Office Action dated December 10, 2004, in <i>Inter Partes</i> Reexamination for Control No. 95/000,050; Patent Owner's Response To Office Action, filed January 24, 2005, including Exhibits A and B; Comments of Requester, filed February 23, 2005, including Declaration of Jack A. Ekchian, Ph.D., including Exhibit A; Exhibit B: Dresner et al., "A Review and Classification of Variable Valve Timing Mechanisms", SAE Technical Paper Series, March 1989; and Exhibit C: Dickey et al., "Nox Control in Heavy-Duty Diesel Engines - What is the Limit?" SAE Technical Paper Series, Feb. 1998; and including Declaration of David F. Merrion, including Exhibit A and Exhibit B: Dresner et al., "A Review and Classification of Variable Valve Timing Mechanisms", SAE Technical Paper Series, March 1989.	
		Request for <i>Inter Partes</i> Reexamination Transmittal Form for US Patent 6,651,618, and Attachment to Request for <i>Inter Partes</i> Reexamination Form, August 27, 2004; Order Granting/Denying Request for <i>Inter Partes</i> Reexamination for Control No. 95/000,049 dated November 23, 2004; Office Action in <i>Inter Partes</i> Reexamination for Control No. 95/000,049 dated November 23, 2004; Patent Owner's Response to Office Action, filed January 24, 2005, including Exhibits A and B; Comments of Requester, filed February 23, 2005, including Declaration of Jack A. Ekchian, Ph.D., including Exhibit A, Exhibit B: Dresner et al., "A Review and Classification of Variable Valve Timing Mechanisms", SAE Technical Paper Series, March 1989; and Exhibit C: Dickey et al., "Nox Control in Heavy-Duty Diesel Engines - What is the Limit?" SAE Technical Paper Series, Feb. 1998; and including Declaration of David F. Merrion, including Exhibit A and Exhibit B: Dresner et al., "A Review and Classification of Variable Valve Timing Mechanisms", SAE Technical Paper Series, March 1989.	
		Office Action dated June 2, 2003, for U.S. patent application No. 10/370,852; Amendment filed July 10, 2003.	
		Office Action dated June 2, 2003, for U.S. patent application No. 10/143,908; Reply to Office Action filed Sept. 2, 2003.	
		OBERT, "Internal Combustion Engines and Air Pollution," Based on Internal Combustion Engines, Third Edition, 1973, pages 612-614	
		EDWARDS et al., "The Potential of a Combined Miller Cycle and Internal EGR Engine for Future Heavy Duty Truck Applications," SAE International, International Congress and Exposition, February 23-26, 1998, pages 1-19	
		CHALLENGE et al., "Diesel Engine Reference Book, Second Edition," SAE International, 1999, pages 75, 81, 84, 146, and 263-305	
		Co-pending Application No. 10/992,198; Attorney Docket No. 8350.1314-01 Title: COMBUSTION ENGINE INCLUDING FLUIDICALLY-DRIVEN ENGINE VALVE ACTUATOR U.S. Filing Date: November 19, 2004.	
		Co-pending Application No. 10/992,137; Attorney Docket No. 8350.1367-02 Title: COMBUSTION ENGINE INCLUDING FLUIDICALLY-CONTROLLED ENGINE VALVE ACTUATOR U.S. Filing Date: November 19, 2004.	
		Co-pending Application No. 10/933,300; Attorney Docket No. 8350.1649-03 Title: AIR AND FUEL SUPPLY SYSTEM FOR COMBUSTION ENGINE U.S. Filing Date: September 3, 2004.	
		Co-pending Application No. 10/992,074; Attorney Docket No. 8350.1649-04 Title: COMBUSTION ENGINE INCLUDING CAM PHASE-SHIFTING U.S. Filing Date: November 19, 2004.	
		Co-pending Application No. 10/992,866; Attorney Docket No. 8350.1649-05 Title: AIR AND FUEL SUPPLY SYSTEM FOR COMBUSTION ENGINE WITH PARTICULATE TRAP U.S. Filing Date: November 19, 2004.	
		Co-pending Application No. 10/992,857; Attorney Docket No. 8350.1649-06 Title: AIR AND FUEL SUPPLY FOR COMBUSTION ENGINE OPERATING AT OPTIMUM ENGINE SPEED U.S. Filing Date: November 19, 2004.	
		Co-pending Application No. 10/992,897; Attorney Docket No. 8350.1649-07 Title: AIR AND FUEL SUPPLY SYSTEM FOR COMBUSTION ENGINE U.S. Filing Date: November 19, 2004.	
		Co-pending Application No. 10/933,065; Attorney Docket No. 8350.1649-08 Title: AIR AND FUEL SUPPLY SYSTEM FOR COMBUSTION ENGINE OPERATING IN HCCI MODE U.S. Filing Date: November 19, 2004.	

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## **NON PATENT LITERATURE DOCUMENTS**

Co-pending Application No. 10/992,070; Attorney Docket No. 8350.1649-09  
 Title: COMBUSTION ENGINE INCLUDING EXHAUST PURIFICATION WITH ON-BOARD AMMONIA  
 PRODUCTION  
 U.S. Filing Date: November 19, 2004.

Co-pending Application No. 10/992,071; Attorney Docket No. 8350.2153-04  
 Title: COMBUSTION ENGINE INCLUDING ENGINE VALVE ACTUATION SYSTEM  
 U.S. Filing Date: November 19, 2004.

Co-pending Application No. 10/992,069; Attorney Docket No. 8350.2197-01  
 Title: AIR AND FUEL SUPPLY SYSTEM FOR COMBUSTION ENGINE  
 U.S. Filing Date: November 19, 2004.

Co-pending Application No. 10/992,125; Attorney Docket No. 8350.2575-01  
 Title: AIR AND FUEL SUPPLY SYSTEM FOR A COMBUSTION ENGINE  
 U.S. Filing Date: November 19, 2004.

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.